

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/003478

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F16K31/06 F16K31/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F16K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 758 071 A (ANDERSON V, US ET AL) 11 September 1973 (1973-09-11)	1-3, 7-9
Y		6, 12
Y	EP 1 277 694 A (AZIONARIA COSTRUZIONI) 22 January 2003 (2003-01-22) cited in the application abstract; figures	6, 12
A	EP 1 316 750 A (TGK CO LTD) 4 June 2003 (2003-06-04) cited in the application abstract; figures	1
A	US 2002/177237 A1 (OSING JUERGEN ET AL) 28 November 2002 (2002-11-28) cited in the application abstract; figures 18, 24	1
	-/--	



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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Date of the actual completion of the international search

16 February 2005

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23/02/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003/160673 A1 (OTT HUBERT) 28 August 2003 (2003-08-28) the whole document -----	1
A	US 6 378 545 B1 (BOZKAN AYTEKIN ET AL) 30 April 2002 (2002-04-30) the whole document -----	1

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Information on patent family members

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